

### **ABSTRACT**

The invention relates to blue coloured sodiocalcic glass. It contains 0.15 to 1.1 wt.%  $\text{Fe}_2\text{O}_3$ , has a redox that does not exceed 45%, exhibits a dominant wavelength ( $\lambda_D$ ) in the range of 490 and 493 nm and a luminous transmission (TLA4) in addition to an excitation purity (P) satisfying the relation

5  $P > -0.3 \times \text{TLA4} + 24.5$ . The inventive glass is particularly suitable for windscreens, side windows and rear-window defoggers in motor vehicles and glazing in buildings.